

**TRANSMITTAL LETTER TO THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

PCT/P10 19 JUN 2000

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) To Be Assigned

**09/581890**INTERNATIONAL APPLICATION NO.  
**PCT/DE98/03817**INTERNATIONAL FILING DATE  
**18 December 1998 (18.12.98)**PRIORITY DATE CLAIMED  
**19 December 1997 (19.12.97)****TITLE OF INVENTION****NEURAL PRECURSOR CELLS, METHOD FOR THE PRODUCTION AND USE THEREOF IN NEURAL DEFECT**

APPLICANT(S) FOR DO/EO/US THERAPY

**BRUSTLE, Oliver**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4.  A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
  - A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  A substitute specification.
15.  A change of power of attorney and/or address letter.
16.  Other items or information: **Transmittal Letter**

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430 Rec'd PCT/PTO 19 JUN 2000

U.S. APPLICATION NO. (if known, see 37 CFR 1.491)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER		
To Be Assigned	PCT/DE98/03817	107070		
<p>17. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b></p> <p>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$970.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO. . XX. \$840.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00</p> <p>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00</p>		CALCULATIONS PTO USE ONLY		
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ 840.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	- 20 =		X \$18.00	\$324.00
Independent claims	- 3 =		X \$78.00	\$156.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$1320.00		
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).		\$		
<b>SUBTOTAL =</b>		\$		
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$		
<b>TOTAL NATIONAL FEE =</b>		\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$		
<b>TOTAL FEES ENCLOSED =</b>		\$		
		Amount to be refunded: charged:	\$ 1340.00	
<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>08-0219</u> in the amount of \$ <u>1,340.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-0219</u>. A duplicate copy of this sheet is enclosed.</p>				
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Ann-Louise Kerner HALE AND DORR, LLP 60 State Street Boston, MA 02109 Tel: 617-526-6000 Fax: 617-526-5000</p> <p><i>Ann-Louise Kerner</i> SIGNATURE: Ann-Louise Kerner NAME 33,523 REGISTRATION NUMBER</p>				

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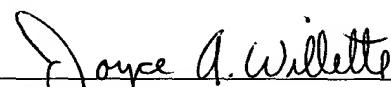
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BRUSTLE, Oliver  
Serial No.: To Be Assigned  
(U.S. National Phase of PCT/DE98/03817)  
Filed: Concurrently Herewith  
For: NEURAL PRECUSOR CELLS, METHOD FOR THE  
PRODUCTION AND USE THEREOF INN EURAL DEFECT  
THERAPY  
Attorney Docket No.: VOS-012 (107070.113)

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CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR '1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" Service Under 37 C.F.R. 1.10 on June 19, 2000, and is addressed to: BOX PCT Assistant Commissioner for Patents, Washington, DC 20231.

EL301008998US  
"Express Mail Label No."

  
Joyce A. Willette

BOX PCT  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

TRANSMITTAL LETTER

Enclosed herewith for filing with the above-identified patent application are the following documents:

1. Transmittal letter to the United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371;
2. A copy of the International Application as published and filed;
3. First Preliminary Amendment;

4. Certificate of Mailing; and

5. Return Post Card.

Respectfully submitted,

Ann-Louise Kerner

Ann-Louise Kerner  
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